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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/892,988	06/27/2001	David Anthony William Steed	CE50083P	3772

20280 7590 11/17/2004

MOTOROLA INC
600 NORTH US HIGHWAY 45
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EXAMINER

WASYLCHAK, STEVEN R

ART UNIT	PAPER NUMBER
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3624

DATE MAILED: 11/17/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	09/892,988	STEED ET AL.	
	Examiner	Art Unit	
	Steven R. Wasylchak	3624	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 27 June 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-11 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-11 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1-11 are rejected under 35 U.S.C. 103(a) as being unpatentable over Wagner (US 6,684,269).

Claims:

1.A method of facilitating purchases from a wireless device comprising:

detecting, at a proxy, that a wireless device is attempting to access a form from a merchant server, where the form requires information to be entered;/abstract; fig 16B; col 8, L 8-33; col 5, L 14-16; col 6, L35-39; col 7, L 39-43

automatically filling the form at the proxy;/ col 6, L 13-39; fig 6AB, 15A; col 19, L 31-44; col 11, L 8-32

delivering the filled-form to the wireless device together with a hyperlink to a file/col 19, L 9-41

Wagner does not explicitly disclose stored on a wallet server. Official notice is taken that this feature is old and well known in the e-commerce art and / or retail art. It would have been obvious to one of ordinary skill in the art at the time of applicant's invention to

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implement this feature for the advantage of efficient storage and portable access of transaction information. upon receipt at said wallet server of an instruction from the wireless device, delivering to the merchant server information to complete a transaction./col 19, L 9-41

2. The method of claim 1, wherein the step of detecting comprises receiving a request from the wireless device, parsing the request and comparing it with a pre-determined list of merchant form identifiers./ fig 14-16

3.The method of claim 2, wherein the pre-determined list includes associated mappings between fields of merchant forms and fields of user personal details./ col 6, L 35-39; col 19, L 9-41

4. The method of claim 2, wherein the step of receiving comprises receiving a wireless protocol request at a wireless gateway and converting it to a HTTP request./col 6, L 35-39, col 19, L 9-41

5. The method of claim 1, wherein, following the step of detecting, retrieving the form from the merchant server and caching it in a cache at the wallet proxy./ col 5, L 13-20; col 19, L 9-41; col 7, L 39-66

6. The method of claim 5 further comprising retrieving the form from the cache upon receipt of an invoke instruction to invoke the wallet proxy./col 19, L 9-41

7. The method of claim 6, wherein the step of filling the form proceeds from the step of retrieving the form from the cache./col 6, L 35-39; co 19, L 9-41

8. A proxy for facilitating purchases from a wireless device comprising:
a memory to store a list of predetermined merchant form URL'S,
a parser and filter for identifying by comparison with said list an incoming attempt from a wireless device to access a form from a merchant server, where the form requires information to be entered,
a form-filling software program for filling the form at the proxy; and
a socket to a wireless gateway for delivering the filled-in form to the wireless device together with a hyperlink to a file stored on a wallet server and for receiving an instruction from the wireless device; and
a socket to a wallet server for delivering the instruction to the wallet server to complete a transaction./ refer to claim 1

9. A data storage medium having stored thereon wallet proxy computer instructions that, when loaded onto a gateway server, cause the gateway server to operate as a proxy that:
receives, parses and filters requests from wireless devices,
identifies an attempt to access a form from a merchant server, where the form requires information to be entered,

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automatically fills the form with user data; and

delivers the filled-form to a wireless device through the gateway, together with a hyperlink to a file stored on a wallet server./refer to claim 1

10. A method of operation of a wireless device by a user, the method comprising:
sending, to an Internet connected gateway, a request to access a form from a merchant server, where the form requires information to be entered;
receiving from the gateway a representation of the form pre-filled by wallet software associated with the gateway with data relating to the user, together with a hyperlink to a file stored on a wallet server further associated with the wallet software;
selectively activating the hyperlink to the file to activate a transaction with the merchant server./ refer to claim 1

11. A wireless device having a browser for sending, to an internet connected gateway, a request to access a form from a merchant server, where the form requires information to be entered, characterized in that, upon receipt from a proxy, the wireless device receives,
stores and presents to a user a representation of the form pre-filled with data relating to the user, together with a hyperlink to a file and an indication that activation of the hyperlink will complete a transaction./ refer to claim 1


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This action is **NON-FINAL**. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Steven R. Wasylchak whose telephone number is (703) 308-2848. The examiner can normally be reached on Monday-Thursday from 7:00 a.m. to 6:00 p.m. EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Vincent Millin, can be reached at (703) 308-1065. The fax number for Art Unit 3624 is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-1113.

Steven Wasylchak


10/12/04

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